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New Discovery

Of the NATURE of the 37-72

PLAGUE.

ANDTHE

True Cause of its Raging in European Cities.

With the Remedy.

Ontrary to the Opinion of Dr. MEADE, Dr. BROWNE, and others, who give for the First Causes of the PLAGUE, in late Discourses, AIR, DIET, and DISEASE.

How Sickning Physick hangs her drooping Head, And what was once a Science, now's a Irade. Her Sons ne're riffle her Mysterious Store, But study Nature less, and Lucre more. Garth.

When Juglers play their Tricks, the Mob can fay, 'Tis Slight of Hand, but still they gaze and pay: Nature tells best what her annoys, and where The Cause of Ill is known, the Cure is near.

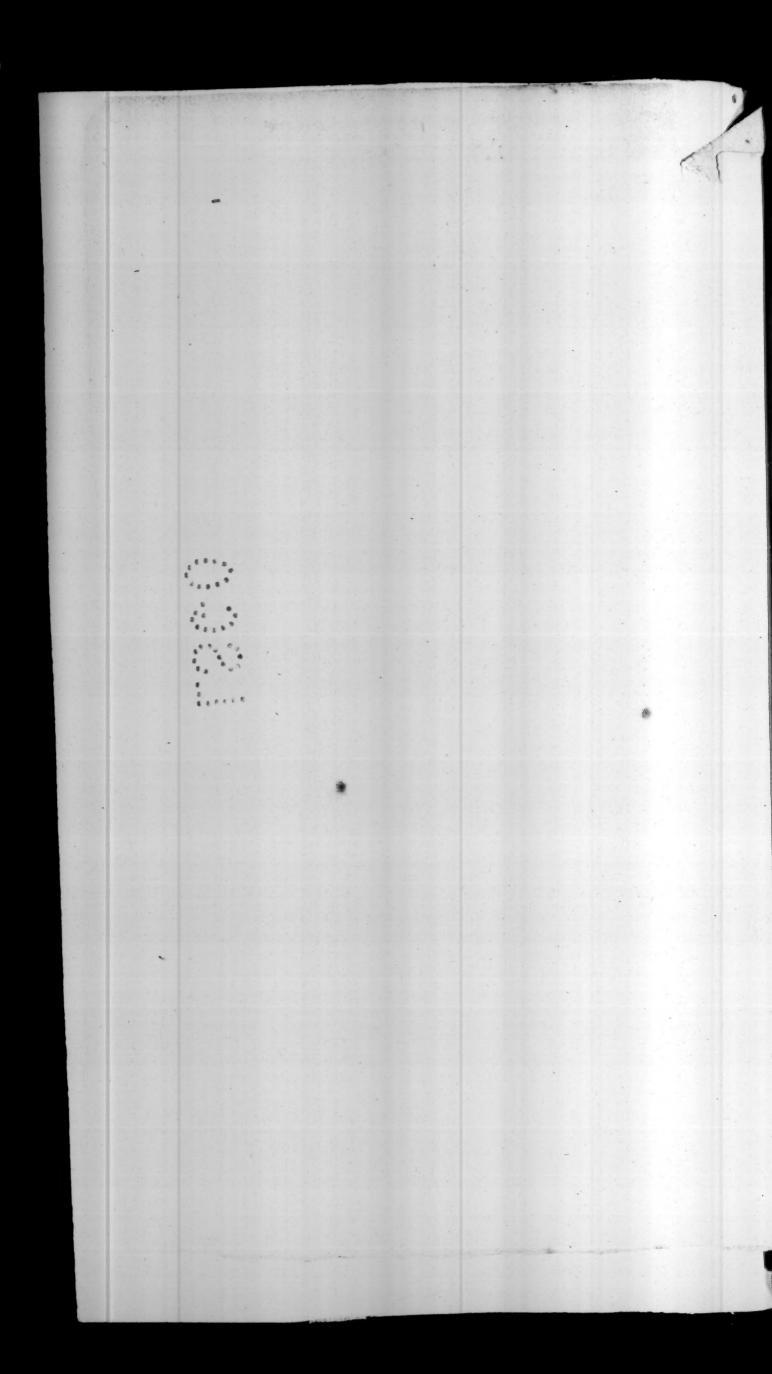
Consultando, Vigilando, Bene-Agendo. Cato.

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SEON GENLISON 155066



To the Inhabitants of London and Westminster.



T is ordinary with Writers for to set a Person of Distinction's Name at the Begin-

ning of their Performances, either to tell the World the Value of their Benefactors, or to recommend to it, under a Patron's Protection, the Virgin Eslay. That I might not break Rule, I have, in some sort, submitted to Custom, though the Novelty of the Thing itself, without such a Method, had been sufficient to introduce it to the Reception of a Curious Age. I could find none so proper to patronize this Piece, as they, for whose Service it was wrote; that great Love, which I 2050

owe my Fellow-Subjects in particular, and Mankind in general, would not allow me to conceal a Thing, the seasonable imparting of which, may be of common Benesit to the greatest Body of Peo-

ple in Europe.

When we first had News of Toulon's being invaded by the Plague, these Speculations occur'd; but hoping that it would have stopt there, the publishing of them was Suspended; which, with some Delay of the Press, has kept them private till now, when there seems to be a fresh Call for them. The Papers bring Account of the Distemper's reviving in France with an uncommon Vigour, and Spreading with a surprizing Progress; the wonderful Vicissitudes of Weather we have had in our Clime, that the

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the Varieties of the Four Seafons, (comparatively speaking) were compriz'd in the Four first Months of this Year: I say, these Considerations put together, threaten Sickness, and bid us look about us; Health gives a Relish to all Blefsings, and I had almost said, it is the only temporal one you justly can be said to enjoy at this Day, (the Press being not forbid to tell wherein the Health of the Body natural consists) and upon it your Happiness and Rise depends, and collaterally, the Felicity of all Europe.

Running over Part of what has been said lately on the Subject of the Plague, I was sorry to find Some, whom you deserve better from, handle so serious a Thing, at with little Regard to Publick, and great

great to Private Ends. Ingredients must be got off (let who will chance to buy) the Quality not a dapted to the Constitution, nor Quantity to the Age of the Patient. In plain, many Opinions extant on this Head, are wrapped up in Terms of Art, peculiar only to Science; and the Lines in them intelligible discover, that the filling of Sheets was chiefly aimed at, and not the Satety of the People.

It is truly praise-worthy to be a concern'd for the Publick Good; and such who ingeniously are so be ought to behave themselves after a plain Manner in its Service, which would anticipate all Sustinition. Some there are, who fatuation) that good Sense cannot be the content of the picture.

e, where their Method does not ill a dvance it. As a certain Acleemed to have a pretty good Understanding in Algebra, yet p. s weakned so far by his Knowuedge, as to reckon, Virgil, Hohe ace, and other speaking Natures, r, f great Prejudice to Mankind, e-tion useful in Life, where Alebra is not the Ground Work. be A Fondness of this Kind betrays Narrowness of Thought, and hews the Man, who uses it, to er ave but a very slender Ac-se, vaintance with Nature, for the streams of Knowledge flow in he parate Channels, without connounding each other; and he who conightly observes the Source where bevery Kind Springs, may, with Ease,

Ease, know their various Cour. ses though he is perhaps carried down but by one or two of them with Pleasure, time not al. lowing him to experience ever Branching Current. Nature wears the same Face now that The did a Thousand Years ago Causes and Effects are as then and Mens Faculties as ever Our Times may reasonably be sup posed the most Learned, becaus of our larger Experiences. Pa Ages serve us. We observe th Ancients as far as they go alon with Nature, but no further there are Errors of long Stan ding; Absurdities are soun dressed up in Greek, as well a in English; but the Idea of Trut w is still the same: What Lear T ning has not this Age improved Who

What eminent Men has not our Kingdoms (of late) produc'd? We are beholden, (independent of all preceeding Systems) to a modern Harvey, for our Knowledge of the Powers actuating the little World; and to a contemporary Newton, for our better understanding those of the Greater, we must own ourselves indebted, as must all the learned World. I need not instance others, he who now keeps us all awake, shews, that a more than Greek or Roman Eloquence is restor'd. The Royal Lantern of Britain, cannot be obscur'd to Britons.

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That Light which brings to View the horrid Scene, When rose the Ills of which we all complain.

That Light, by which we're taught the safest Way.

To steer our Course in this too dang'rous Sea.

The Reflections which are here pre-

presented to you are entirely in their own Dress, genuine, and without Ceremony. I have given the whole a familiar Phrase, avoiding all Ornament and Elegance of Stile, which might delude the Reader from the Matter in Hand, I desire it should meet with Candidness; but from Persons who are unconfined in their Sentiments, who consult their Understanding, regardless of noisy Assent; Persons who have no Need of being courted to a Perusal by Sounds.

Things countenanc'd from Custom and Use, and not for the
Virtue in them, or Good they do,
are generally found to be the most
cloging Mischiefs, a second Nature, hard to be shaken off. Thus
Enemies, by often Access, meet
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with a Treatment due only to Friends, and Things, most prejudicial to our Welfare, are tolerated and established, because Men are not so bravely bold, as to stand up against Custom, or look into the real Constitution of that which they find in Being when they come into Power, or to Years capable of making a Judgment. Iwould perswade you in time, to endeavour the removing out of the Way those Obstacles, which, if continued, may, one time or other, be of immense Disservice to you. Every Man is willing to take a Mouthful of fresh Air when he can, but the Inhabitants of great Towns are, for the most part, confin'd; therefore, what is best to be done under such a Necessity, I have made it my Business to enquire;

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enquire; your Observance will sufficiently recompence my Endeavours, and answer the Height of my Ambition, and will, (I don't question) be instrumental to the long Duration of them two Blessings, which London and Westminster are said to have united, above all other great Cities, I mean those inestimable ones, Health and Liberty, both of which may you always en10y.

Reason being not confined to particular Societies or Corporations, I who am Independent, use it by the great Rule of Nature, with proper Restraint; and I hope that the Gentlemen, who find themselves Listed on the contrary Side, will do their Judgments so much Justice, as to come

into

nto my Opinion, which they annot well avoid doing, if when they handle this Subject, hey do not lose Sight of Naure.

If there happens to be an Obection started to the Title, NEW DISCOVERY, it is answered n this, That however the Plague as been heretofore described, et the Suppositions of its being n Insect, were always presumpive, none having attempted, efore now, to make it appear o be such by self evident Denonstration. The Foreign Plaes which I require your Consided ation of when I come upon the ue Cause of the Plague's raging, - have had the Curiosity to see: en Earnestness of Expression, in blaming

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blaming their Manners, which otherwise, I should not have done it being inconsistent with good Behaviour to repeat People's Faults, when neither the mending of them, or Advantage of the

Hearer, can be propos'd.

I found it could be of little Use to the Publick, to increase Paragraphs, by making up Receipts against the Plague, which by the Variation of Simples might be done ad infinitum And indeed, other Papers are so for full of them, it would be difficult to find any thing new But in Case there was Occasion set forth, none ought sooner to be had Recourse to, than those of the Second Part of that Treating

ich ne ise, given Gratis; that Paper ood aving the whole Scene of Serle' vice during that Sickness, and Remedies Suited to all Ranks thend Conditions, very easy to ome at, and safe to use.

the Reader, it is hoped, will

as xcuse the Want of the Writer's Re Name, which he avoids subickribing, to the Intent, that the es Concealment of the Person's haracter may turn the Eye ar nore closely upon the solid Worth bf the Thing, by which it ought wo stand or fall; for we see eonvery Day, that the Nature on f an Argument is differently tonstrued, being approved or conos emn'd, as it squares with the tation, or popular Reputaseon of the Maintainer; and

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rue Decication.

not with Respect to that Standard of Ttuth, by which all Things ought to be try'd.

Farewel.

Aug. 31. 1721.





A

New Discovery

Of the NATURE of the

PLAGUE, &c.



HEN a Thing is of so high a Nature as to concern every Body, and that in the first Degree, the Judgment form'd on it ought to be without Pre-

judice; because the greatest Good, or the greatest Hurt depends upon the Consequence. Therefore 'tis expedient, that Men who freely give their Opinions, and would give only theirs, should lay aside that

Almighty Wisdom has given us leave to trace Second Causes up to what may be called their proper Origins or Fountains, whence they derive their various Powers, that so the Nature of many Evils being once known, and Strength discover'd, Methods may be taken to the intire Extirpation of them. Of all the Diseases to which the human Nature is expos'd, that of the Placue is, by the common Consent of these Parts of the World, voted the greatest, the most pernicious

naturally fills Mens Minds with Ideas of the blackest Apprehensions, arising from a Consciousness of that Havock and Destruction, which it always brings along with it, wherever it comes. Therefore how to avoid or overcome its Force, must be a Knowledge very agreeable and welcome to all, and which is best attained by inspecting into its Nature or Being, and examining into the Means of its

living or subfifting.

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The Title-page gives each Reader a Right of claiming in these Sheets a very important Subject handled with strict Regard to his Benefit and Improvement, in order to answer such an End, and cut a fhort Way to Truth. I shall not embarrass the Mind, nor divert it from the serious Attention it ought to have (especially) to Matter of Fact, by enumerating the feveral Difeases, consulting Climes and Air, fumming up the Numbers of those who suffered by the Pest; when and where it raged, its Symptoms, and what Philtres and Dofes may be prepar'd to defy it, with a hundred fuch other tedious and amusing Tales, entirely foreign to the Business in hand, seeing I don't propose here to be of the received Opinion, B 2

nion, or to dispute, or spend Time in trifling with those, who give the Distemper a Being, wherever their Fancy builds. For when the Cause is assign'd by some of them, the very Arguments designed for the confirming of the Affertion commonly destroy the first Hypothesis, plain Contradictions appearing almost in every Paragraph. My Defign in the Sequel is to shew, that there can be no Account made, whence the Plague first comes, or where it has its Origin or Rife, but that it is wholly owing to the immediate Act of (no human Capacity capable of giving a tolerable Reason to the contrary) the Cause of all Causes, nothing in Nature efficiently producing it. And if in the Series of the Discourse any thing be met with, which overturns the Labours of others on this Head, it is only that it happen'd fo to fall out: For when we know, what a thing certainly is, 'tis unavoidable but we must gather what it is not.

The Consideration that all, in what Condition or State soever, are suddenly seized with the Plague, and that often its deepest Effects are as sudden, will easily lead us to its Nature, which is a subtle, active poisonous Body or Insect, very minute, levelled at the Decay

the human Nature, and living on and blifting by the virulent Matter in the dy, or in the Steams or Effluvias wing or flown from the Body, the Airing no more to it, than it is to Birds Eggs, which too great Cold would ree, and an unnatural Heat destroy or

At its first appearing among us, Provience seems more immediately concern'd, also it does at its leaving us; for no are is neglected to prevent its coming, d when it is once in Possession, its Alient being inseparable from the Nature Man, the Expulsion of it is as unacuntable.

Effluvias, Steams or Scents of Beafts, rds and Vegitals must be allowed to the purest Substance of the different ecies, and those great Varieties are dinguished with a wonderful Distinction Man, Beast and Bird, at a very great stance; we who have the Sense of elling find it very exquisite and design. The Dog noses his Master, and lows him as he does the Deer or Hare; dgeons divide their Scents, and carry at redible Lengths; and every sensible ing tends to its like, or what will asted it Support.

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All Diseases take a gradual Course fitting the Parts to Corruption; and the the Corruption of one thing is the G neration of another, is held for a Maxi long fince. Now what fufficiently argu the Plague an Insect, is, that great D patch, which it makes through the ma Powers and Parts of the Body, that of the Party infected instantly falls into the Convulsions, having no precedi fign or Alarm given. This sudden Eff is very confistent with the Definition the Plague; for when we consider, t the Time of that Infect's generating a Proportion to its Minuteness, we m believe it inconceivably short, fince i manifest that the Animal is indivisi fmall; for thousands of Insects appear the help of a Glass, where the visive culty could not discern one without s Assistance; which greatly promotes Reasonableness of this Hypothesis, nearly reflected on, will remove a g many opposite to it.

The * volatile Maxims cannot find wour with the intelligible, if it is allowed that the three Angles of a Triangle

^{*} Mead, p. 13, 15, 17.

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qual to two right ones; for no Body ad in it self can communicate of its irtue to another Body without a Loss Proportion to the other's Gain. Thus is with the Loadstone; thus it is with oisons. Who is it, that will maintain, hat the Loadstone suffers no Loss by the on that has but just touch'd it, and aferwards performs an Act differing from e Nature of simple Iron? Or who is he e, that will affirm contrary to the daily xperience made with Poitons, which are divided or kill'd by Oils and other latter, that they can have little or no wifi magination runs with respect to the flying ear lature of faline Particles, quite inanimate, is indisputably true, that no Part of Matter, owever quick, (by the Form and Conference of its Particles) can have a Mosion from it felf, but depends altogether nits feeming Volubility upon the Force f another Body, which pushes it on or raws it to. Thus we see the Fire exlo ells the Smoak, likewise Coal-pits throw gle p their Damps; the Sun exhales, and he Loadstone attracts. Those Parts of Matter, that lye scatter'd in the Elements f Air and Water, which are of a diferent Nature to the Body round them,

yet make their way towards the Center by their own Gravity, or that wonderful Attraction peculiar to the Earth's Center These Parts are often born up and delay'd in their Progress by the Violence and Strength of the circumambient Matter, yet still they keep to their own Nature, no Interruption can alter, their Qualities

We may infer from these very natural and familiar Propositions, that the Plague must not, cannot be a dead Matter; for if it were, it could not divide its Power without a Diminution of its Strength; it could not give of its Quality to another Nature, and yet at the same time retain it; it could do no more, than what is commonly effected by things of a poifonous Nature, that is, to kill it felf, with the Person who took it, and the last but a Chance, according as Preparatives were for or against it: then it is positively deny'd to have a Derivation or Extraction from Distemper, or Concordance with other virulent Qualities, tho' it often works by all their Helps, but is referved within its own fingular Species.

That a clearer Light may be given, an easy Example will be necessary, and to Demonstration the sollowing one, will prove the Plague to be that Body, which here

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here we maintain it to be: Supposing hen two Persons, and each of them to draw in an equal Quantity of infected Air, at the same Time: the one is of a healthy and good Constitution, the other of a fickly and broken one: The wholome Body struggles with the Disease, and overcomes, having had but small store of ties, outrefactious Matter within, whereon it ural night have fed; the other perishes, and by the abundance of Sores and Buboes, by for he strength of infectious Steams, and period steams, and period steams, with the Hue and Change of the Intrails, it is plain, that this Body must have had hid or latent in it abundance made and contact the state of the s hat han the other. Now it may be ask'd of hose, who give Reasons, that Disease with hould be thought to give the Plague a but being, why did not this malignant Matde ore it met with its simili Materia, or keness of Matter, since it contained a rith reater Quantity, before it took in the orks ew Infection, of natural Corruption, than the found one had after it was taken in, ho' fearch'd and promoted by the prying an and outrageous Animai. By what to ove faid, the Answer can only be made will ere, That the Plague being an Insect, prey'd

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prey'd upon its proper Food, and increas'd accordingly; having found great Plent in the diseased, and Scarcity in the healthy Person; their different Dispositions before being no other, than what was common with Health, and the Nature of Disease.

Trees and Vegitals suffer often, and that Season propitious to one Kind, it destructive to another. That Rots and Blights must be the Work of Insects, per culiar to the different Natures of Tree and Plants, their Fruits, Leaves and Rootell us; for oft we find them indented and eat in Holes; and that a Blast could no occasion this, the little Rings of Decain the Leaves shew, when all the oth Part is whole, and in its proper Huwhich a Wind would have wither'd, a bad Air destroy'd, without such Reeve.

What Country these Insects come from or what Weather brings them, or who ther or no they are the Growth of out Country, I shall not be inquisitive about but let pass now, what may be more fit another Discourse. But sure I am, 'tis a green way for those little Things to travel from Greenland or Russia hither, without baiting on the Way, or their Eggs sheltering

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ome Merchandice or other. But they may ome, if they are minded; for there are no Ridges of Mountains to interrupt their ofiti Voyage, neither * Atlas nor Caucafus stand n the Way: We may have them from e o America, the quite contrary side of us, for an are is not positively agreed on by the Literati. The most rational Descripan jon we have had as yet of the *Plague* is the a loss to reconcile itself, subverting in the place, what it has established for a hat the common People in the Country, and hat the Common People in the Country, and inding the Opinion to be true, that Eastoth Jerbs, they, to prevent such a Conse-Hu puence, when Winds blew from that do, Quarter in the Season, made Fires of Chaff and Rubbish to the Windward of their Gardens, the Smoke of which coming with the Wind, they found, fav'd their who loots, by destroying the Insect. And a little after we are told, That the Turnips of the West of London were destroyed by fit a Easterly Wind, forgetting that the gre moke of the whole City came with the

^{*} Bradley, p. 39, 40. Ibid. p. 44, 45. Win

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Wind to their Protection, which (laying aside the Advantage it had of sulphurous Qualities) was a much better Antidote for two or three Miles, than the Smoke of a small Fire could be for a Quarter or

half a Quarter of a Mile.

The Doctrine of Vermin is generally fettled; verminous Swarms are known by all, who have any Understanding in Physick, to follow most Diseases. The different Species of Beafts have sudden Distempers, which sweep away whole Droves at once, and we find often, that what rots the Sheep, has no Influence on the black Cattle; And on the contrary, those Destroyers are altogether distinguishable from the Imperfectiones Natura, or Difeases which commonly attend Nature, because all are levell'd, old and young, tender and strong, well and ill-fed perill together; no Distinction made. It is likewife so with Vegitals; those planted in a good Soil fuffer with those in a bad, the tender Plant with the mature Fruit; firm Adherence had still to the Sort of kind, pointing to us something very cu rious and furprizing: For Works of Na ture, however form'd, or whether o nice or strong Texture, have somewha annexed to every fingular, which reduce speedily

the Nature of the Plague. 13

fpeedily all that Bloom and Shew, to its

primitive indigested Confusion.

Let us rest where we are: A too curious Inquiry is not our Business. Men have Knowledge sufficient, if they will but turn it on proper and suitable Objects. Causes rightly disposed will give great Infights, and the Excellency of some have filled others with Admirations not becoming of Rationals, equal in Dignity with those Capacities, which only a different Application made feem fo much above them. We ought still to submit to those Secrets in Nature, which are rang'd far above our short Reach. An able Phyfician and Anatomist, who understands the Structure of a human Body, and the Use of all its Parts, will tell us, that if fuch and fuch a Vessel is broke, or put from its Place, and thereby made incapable of performing its proper Function, the Body must die for want of Assistance from that Part, on which it more immediately depends: And likewise a Naturalist may eafily prove (or indeed any Body may) that an Air too thick or too fine to be breath'd in, must have the same Effect with no Air at all. But when we fee a Person fall down dead in the Street, in a Place of a good Air, who was the Minute before

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before in perfect Health, and had been always healthy, and had no Warning from any Indication of this fudden Death or End; How this comes to pass, our Notions are too scant to determine; it is transcendently beyond Man's limited Prospect, to substitute even the bare Image of a Cause.

This great Evil of the Plague is record. ed by ancient Writers, to owe its Rife to very differing and indirect Beginnings; fo that for a Man to judge abruptly whence it springs, or to give a loose to an Argument on this Subject, gives a Ground to the World for believing, that a due Regard is not had to Providence: For however express'd variously, all the learned in all Ages have shewn in their Writings fomething of a Spirit acknowledging a Divine Hand, to which most of them refigned, when wearied with following the Clue. They knew, that a fupreme Engine weilded all natural Instruments here below. Now it will be very congruous with Christian Principles, for us to be affured, that bad Angels have Permissions given them, as well as the good are commissioned, and that those Plagues, which followed the pouring out of the Vials in the Apocalyps, were fent for the Faults

Faults and Crimes of Men; therefore God may fend Evils, when he fees fit; and when the Sins of Men call for them, if they come, let no other Cause be affigned. It is our Business still to fear; a suffering Presumption meets with no Excuse, because of a higher Dispensation. We are to use all the Ways Reason directs to, for a just Apprehension of every thing. But let us not confound things of different Natures with each other. None, who knows the Nature of a catching Distemper, and would be faid to act just, would come where it is, to brave it. The Small Pox, they who never had it, commonly endeavour to shun where it is; yet many take it, when no visible Communication is held with a Person infected.

Proceed we to examine, whether Accidents, or Changes in Weather, or Things influenc'd by it, give any Promotion to the Supposition of a material Cause's producing the Plague. 'Tis now 54 Years, fince these Dominions have been visited by its Fury, yet have we not had in this Time all the Variety and Alteration, that can well happen to Men and Things? There have been Earthquakes, Inundations, several unwholsome and dangerous Seasons, which have brought us every Insection

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but the Plague. We have had Meteors burning, of very large Bodies; by the great Quantity of Vapours exhal'd there have been exceeding Thunders, and extraordinary Lightnings: We have had all the Distresses of War, terrible Blood-shedding, so that Bodies have lain above Ground unburied for a confiderable Time, by the hard Circumstances attending unhappy Disputes: The Air has been tainted several Times with nauseous and loathsome Scents: Seiges there have been, compelling the Besieged to feed on Dogs and Cats, and even Rats, with other Vermin. There are many living this Day, who can testify this from their sad Experience, during the Siege of London-Derry in Ireland, in the Wars with the late King James. It was common with the poorer fort of People all over that Kingdom, in those Black Times, to have the Flesh of Horses and rotten Cows, and Sheep, for their daily Food, there being no Bread to be got for Love or Money. This is but of the Transactions of t'other Day, and has many Witnesses. Disorders we have selt fatal too often to many People, and those wrought up to the highest Pitch by a foul Indulgence. The Passions of Men have been quite turn'd, which has laid them open

open to all the Tyrannie of malignant Distempers. We have seen in some Administrations, the Scenes of Intemperance and Debauchery presented with strong Advantages, shaded by high Example, opening the Sluices of all manner of Vices, and refigning the Reins of Prudence up to the Impetuofity and Hurry of brutal and fenfual Defire, which brought on Men every Kind of Sickness, and all Sort of Evils; but all this while, there has been no Plague, People were often prepared for its Entertainment, and had there been but the smallest Brood of this prolifick Reptile among us, it often would have found, from the above Opportunities, a Field large enough to rage in.

Again, those Diseases, malignant in their Kind, call'd Catching, as the Small Pox, Measles, and others, cannot be supposed of a pestilential Nature; for no Persons's seiz'd by any of them, but what sinds a Discomposure growing to the Distemper, (though some sooner than others) by a regular Progression, never without warning, how violent soever, disposing the Body to Symptoms of Death *.

And

* Read Brown, p. 20, 21.

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And that these Diseases have their Origin or Support in a certain Air, 'tis groundless to imagine; for we must allow, that several Parts of America had the Small Pox from the English, a Disease unknown to the Indians before; and had been so now, if the English had not mixt among them, and fuckled their Children, and gave of British Food to the Natives. But by this Behaviour the Distemper was settled in the Blood, to be transmitted to their Generations, and is become to them at this Time a national Disease. The Accidents which particular Families have met with, will admit of no Determination; for there is Nothing that can be told extraordinary, but what an Instance of the contrary may be brought; fo that if Relations living at great Distances from each other, about the same time take the Small Pox, others in the same Circumstances do not; and often we find the loving Mother, and some of her Children escape, when they have been exposed by Nursing, and taking Care of some of the Family down.

A Look into several Places in and about London, will tell us, that most Distempers are acquired by Abuses given

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to Nature, after a fordid Manner; the Air is putrified by this Means, and the most accurate Maladies infue; This we need not go far for the Proof of; the best of us in some Measure find a Damage from badNeighbourhood. Yet no Complication of ill Diseases can give us the Plague, or we should have it even now, The Infection frequently begins with Persons most vigorous and most healthy. It affects commonly, when it comes into these Countries, first of all, those People, who are always in the best Air, and most free from Humors. The temperate labouring Man is made a Victim to its Malice, while the profligate rotten Debauchee remains very secure, which is blely owing to his Distance from Pestiferous Scents. The Fruits of the Ea-ut fern Countries are eat in London with nuch greater Immoderation, than they are where they grow: And the People of everal Parts of France, I may fay of most Parts, had much worse Nourishment than that of the trading City of Marseilles had, when the Infection began here. In the late War, that Kingdom was educed to the lowest Streights of Po-erty: A Dearth was over all the Tyrant's to lealm, by Means of English Arms, which

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which brought on them all Kind of Sicknesses and Distresses; Often very Malignant Fevers stole into the Camp-and cut off many of their Men; yet no Plague, (tho' very visible Signs of one)

appeared.

That the Amusement may not take * of the Air's having a Power of conveying the Plague to Places remote, let only the Accounts we have of its Journeys be observed; and we shall find that no Place at any great Distance (a Regard still had to supernatural Power) from an Infect ed Place, ever got the Pestilence, that could not give a plaufible Account of the Manner it came in, by imputing i to Persons, Things, or Goods; and le it be remark'd, which I think is ful strong to make void all Arguments for Air, Diet, or Disease, being Causes of the Pest, that in those Countries, where it set tles, several Parts are often free, though they have the same Air, Disease, an Diet, peculiar to the Country, in con mon with the Infected. Turkey is a vided into several Under-Government and ruled by Officers, deputed by

^{*} Read Bradley, p. 39, 40.

the Nature of the PLAGUE. 21

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Grand Seignior; some Divisions for Years together have not the Plague, especially the Inland Ones: What can this be ascribed to, but to the good Conduct of their Governours, and carefulness of the People, in destroying all the Remains of the Disease when it was there, and in its Decline, and in keeping a strict Watch to prevent its Entrance again. From the Maritime Towns, where it mostly haunts, it is almost an Impossibility to rout it; for the Desire of Gain will make Men break all Rules, and run all Hazzards.

But we need not to have gone fo far for Proof, that the Air does not transport Infection many Miles; our own Health, with that of other Countries between us and the Plague, will inform us, that Winds do not bring it eighty Miles; for Winds have often blown from Marseilles, Aix, and Toulon upon the joining Countries, fince the Pestilence began; a Southerly Wind would have brought the Insect or its Eggs to Dauphine, from Dauphine to Lyons, so on to Paris, and of necessity hither: But Thanks be to God, there are no fuch Stages made; its Progrels being after another Manner: However, it is not contrary to Reason, to imagine, that a Body of Air may be corrupted for fome

fome few Miles, which weakens in Proportion, as it extends, till it is quite lost. Thus at any considerable Distance from a Carrion, we have no Offence; but upon

a near Approach we finell it strong.

Here our Confideration will not be amiss, if we take a small Survey of those Places where it generally refides; the Nature of its Provision will confirm us very much in our Opinion. Let the Curious observe, that the same Meridian passing over Grand Cairo in Ægypt makes Midday in Russia, and is as a Line to confine the Pest to the East, which finds no Sanctuary Westward, though it too often makes dismal Sallies. That which has the first Share in preparing all living Bodies is Food; the Temper of the Climes, and often the Situation of a Place, goes a great Way. The Plague in Turkey is revived by the great Droughts, which often happen there, and upon them impetuous Rains, which fills Beafts, and Fruits of the Earth, whereby Man is nourished, with gross and unwholsome Humours. The Produce of that Land likewise being Cotton, and other Growths, whose Textures and Valyes are formed to receive the Insect, and defend it from inyading Colds, till the Return of a favourable

vourable Season, must very much further its Delay among the Natives. The Russians have their Furs and Skins to hide the Animal in, and keep it from starving; and GrandCairo's Niledoes not a little promote the Plague's Continuance with the Ægyptians; its Overslows being made by the Manners of that People, not to wash away, so much as to bring Nastiness, which

ever aggravates this Disease.

Why we have not the Plague from Ægypt by our Traffick,† that Gentleman gives us the best Reason, tho' not intended, in the Discourse where he endeavours to shew an Inconsistency, in believing, that Cotton conveys it from Turkey or Syria; for he allowing the Effluvia's, or Scents of Coffee to be a Counter-Poison to the Infection, makes but an unwary Conclusion; That the Canvas Bags about the Coffee may bring the Plague, as well as Bags of Cotton. Now let us imagine the Canvas of the Bags, as full of the Poisonous Matter, as it is capable of containing; yet the Scents of above Twenty Inches Diameter of Coffee, being the most spirituous Substance, still passing through,

Vid. Brown's p. 13.

must soon overcome the small Part of Insection lodged in a Canvas, not a Quarter of an Inch thick; whereas in the Cotton, there is Nothing opposite to the Nature of the Plague; but in a Bag of two or three Foot deep, there are large Advantages for its Preservation: It might with more Justice be argued in Favour of the Sails, which brought the Ship down the Levant from Alexandria, than for the Canvas Bags about the Cossee.

That Places and Things are susceptible of Infects to their Safer being for a long Time, we may learn from our own Experience here in London; for it is but four or five Years ago, that we had a Distemper among the Black Cattle very destructive; and when every Body thought it was abated, and gone (the Cattle being well for eight or ten Months,) it broke out a-new, which was occasioned by putting Cattle in those Houses and Places, where the Infected were lodged the Season before; nor could this be cured, till that the Timber, and other Things in the Houses were washed with Soap, Lees, and other fearthing and penetrating Liquors; and the Parts smoked, which killed the Vermine.

Americas

America, and the Parts of Africa, which never felt the Scourge, (speaking in a natural Way) owe that Happinels to their not trading with infected Places. They can be Luxurious enough in the Growth of their own Country; without going abroad to feek Novel-The Western Parts of Europe sacrifice and pay Tribute to the Ottoman Porte, every twenty Years, take one time with another, the Lives of above a Hundred Thousand Christians, and have in Return but a small Parcel of unneceffary Trifles: An Exchange, that can please none, but vain, stupid, thoughtless Wretches! What Noise does the Freedom of five Score Christian Slaves, make in the World, and how much do fome Courts value themselves upon their Good Works? For an inconsiderable Number of People's being carried abroad into Captivity, they express the most passionate and tender Concern, yet at the fame time are unconcerned, nor follicitous to remove the Cause of Thoufands perishing at Home in worse than Turkish or Barbarian Slavery.

It would be found, upon making up the Account, if the Christian World could be perswaded to make the Expe-

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It would be found, upon making up the Account, if the Christian World could be perswaded to make the Expe-

riment,

these Kingdoms would be much greater in some Period of Time, were they never to trade to those Parts of the Levant, which are frequently infected; since in all probability, it would prevent the Loss of some Thousands of Men employ'd to cultivate and improve the Land; to increase publick Wealth, and bring Good to a Nation. But that devouring Evil brought in, in a little time we see the whole Country laid waste, its Inhabitants cut off, or routed; its Towns consum'd, and its Cities raz'd.

We may venture, I hope, by this time, to make from the whole the fol-

lowing Conclusions.

Cause of the Plague, because we find, that they who breath the most unwholsome, putrid. and corrupt, are clear of it often, when they, who live in a pure serene Air have it.

2 dly, That Diseases, of what Nature soever, don't bring it, appears from the most unhealthy, rotten and nauseous Persons being without it, when the healthy, vigorous, and clean, are in-

fected.

3 dly,

the Nature of the PLAGUE. 27

3dly, That Diet cannot occasion it, the parts of Italy, Spain and France, do shew inhabited by careless, nasty Idlers, who live always on the Fruits of Laziness, the worst and most loathsome Food; yet escape the Infection, when others fuffer, who have every Thing requisite, and

desirable in Life.

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Let it be faid then, with some Authority, that the Principal, or first Cause of the Plague, cannot be found among the Varieties of Nature, which entertain Human Understanding; tho' something in the Decay of Man gives it Nurture, and those Things, which are about him, that have not Extreams of Heat, or Cold, find it Covering, till it meets with Matter to feed on, and Multiply its Kind. This infects the Air, and this being drawn in at the Mouth, or Nofrils, succeeds according to the Virulenty of the Humours in the Body to support it. In this Place let it be understood, that altho' it is allowable, that Infection may come out at all the Pores of the Body, with the Steams, yet it is probable to believe, it only is drawn in by breathing; for Nature being always careful of its elf, the Animal Parts are employed continually in discharging, with Labour E 2

Matter with which they are loaded, their feveral Functions, so that a great Quantity of the Substance must be thrown out, or purged through the Skin: This transpired Essence must of Necessity rest upon Cloaths, and other things capable of receiving it. But there is no such Compulsion from without, to drive the Infection in at the Pores of the Body; tho 'tis not impossible for it to pass with the pure Element, to which it is clog'd, since that will make its way through Bodies compress'd in the narrow-est Consistency.

This Account is delivered (as was faid before) with special Respect to Providence; for 'tis possible, with him with whom all Things are possible, to make that Matter what he pleases, which he made Matter out of Nothing. He may fend Plagues, by stretching out his Hand and give the Quality of the rankest Poy fon to that which now is the most healing Balm. But in the Course of Natural Things if Facts are convincing, 'tis evident, that in Turkey, and other Parts infected, were once free of the Species of the Pef I there is all Reason to judge, that in could not be restor'd by Air, Diseast 1)161

the Nature of the Plague. 29

Biet, or any other Thing peculiar to the Places; tho' the People may be more inbject than others, to the catching of it again, or rather to the nourishing of it, when it was in Possession, from their of Dispositions, or Habits, as was before observ'd. By the same Rule, we may re ay, was the Plague transplanted into hose Parts of America, whose Climes of ender a bad Air, and whose Growths it re Cotton, and things of a warm Spun-ch y Nature; the Settling of the Plague ray with the Indians would be after the same w-nanner it now remains with the Turks, Russians, and Egyptians.

was And since no Method reducible to pro-ractice, can be laid down, whereby im the Distemper may be expell'd from to tese Countries; 'tis our Business to nichar it, and expect it, as often as Goods may Men come from thence. The only

and lay left us, promising Security, is the Poyle of Means within our Power, great ling ligence in examining all Things giv-

ings g Suspicion, and a strict Pursuit of the latitudes of Caution, which Prudence

wer aches.

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Pef For a Self-Preservation, the Standard at I make sure by is a good Constitution; sease 'tis observable, that in the General, Die

the Plague makes a Prey of thole, who have been most intemperate, and irregular in their Oeconomy. The Part of Mankind inur'd to Labour, whose Ne. cessities make indifferent Food habitual to them, find it much less severe, except it be in a very Extraordinary Cafe, as when Circumstances bring them to live on worfe Food than they were used to; then, indeed, a Languishing follows in Proportion, and leaves them remediles, Those among the better Sort of People, who funk into Death, as it were, by a panic Dread, before any Signal given by the Plague, are found to have been indulgent, indolent Livers, flothful and eafy, exercised in licentious Pleasures. The Plague feems to be the Gage, or Scale of Nature, falling fhort in our Strength, and coming heavy in our Decay and Imperfection.

The great and many Benefits, which have flowed to the Publick, from well-meaning Societies, has very much conduced to make the People implicit to General Rules, and to take every Thing, faid by some, for a Law. Hence, for feiting the Privileges of a Rational Being, by denying the Evidences sent by Reason: This ordinarily is the Case

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the Nature of the PLAGUE: 31

of the busy Part of the World, who re taken up by the several Affairs of Life from the Study of themselves, neglecting that Instrument, which is to bring about the mighty Schemes. Here Nature must have a Help-mate; it is at a loss what to do: Men are compelled, by their former Neglects, and Inobservance, upon the least Apprehension, of an approaching Malady, to fly for Help, bears the Name of Doctor. Their Lives, from that Time forth, are in the Hands and very rare it happens, that good Use s not made of the Power given; for ofen by Alteratives, the Body is cooked rom an imaginary, to a real Disease; nd kept only to confume Drugs; 10 ingring to a certain, and oft wished ur or, Death. le-

It is furprifing to find Phyfick reommended to Men in perfect Health or Food, when all know, who will, hat Medicines are defigned as Restoraives of Nature, to bring back, that good to labit, which had been lost by Accident, r Irregularity. We are told * that the

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Read Bradley, p. 10.

common Diet of the People, where the Plague is in France, was Herbs, Room and Fruits; and at the same Time w have Doses offered us by some, as so man Charms against the Pest, which we know to be compounded of those very Ingre dients our Neighbours Distress bids t abstain from. Indeed, there happens t be some small Difference, for they ha them at the first Hand from Nature moulding; but we must take then after they have been mortified by Still Limbecks, Pestles and Mortars, and long Train of Disguisers, which ma alter Shape and Colour, may mix, bu never change Qualities.

Nature directs to the best Road, if w will but obey her Dictates. I am sati fied People are awake, they have ha too sensible a Rouze from that Letha gy, in which they fo lately flumbre to fall into the like Disadvantage; the will, no Question, keep a good Loo out with their Senses, to prevent the Understandings being imposed on. Volley of hard Words, or a glitteri Equipage will be but poor Eloquent and can hardly pass without a Scrutin be whether, or no, the one be proper, fu the other genuine.

the Nature of the Plague. 33

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When we see Packet-Pedlars seated upon Animals much gentler than themselves, making Harangues to the gaping Multitude, every one knows what they want, and they do no more than what we should expect from such Brokers of But what shall we say? when Men, who fet themselves by, and are mark'd for knowing something, deliver what ought to be instructive to the Publick, by whom they get their Bread, in fuch puzzling and dark Terms, that no body is oblig'd to explain, and very few capable of understanding; Systems which ought to be referv'd to a more decent Season, their properest Use being for Lectures in Academies, and not to confound Mankind: fuch Proceedings are very unaccountable, and upon them People will be apt to make Constructions.

Indeed, for those Gentlemen, who make the Relief of the Diseased Part of Mankind the End of their Study, a too great Respect cannot be paid them; they ought to meet with the due Encouragements of Thanks and Rewards, because such a Design is noble and useful, and discovers a great Mind, wherever it is found to be the Principle of Action.

Action: But for those who watch our Failings, to make them worse, who catch us, as it were, at a half Turn, when we can't think right of Things, to make us their Property, and who, by an impertinent Industry, assume a Knowledge they have not, to promote their private Interests at our Expence and Ruin; such it is every Body's Business to detect and

explode.

The Use this Digression may be of to the unguarded, in unmasking Pretenders, will, I hope, make Amends for the Reader's Time. But to return: Every Body is, or ought to be, the best Judge of his own Constitution; and fince there is no Perfection in Nature, every Nature, in a more or less Degree, lies open to the Plague. A certain great Moralist divided Mankind, and held each Individual wife or foolish in his Oeconomy, as his Behaviour stood in Competition with that which was once within his own Power to act: The same Allowance may be made in respect of Constitutions; for a Man may be faid to be healthy, or otherwife, as he conforms to what Nature a prescribes, and is capable of bearing well, by the Situation and Tone of its Parts, in No Man can be justly blamed for having pa that

that foft Head which his Father had before him; neither can Fault be found with him; who has a Distemper descended with his Inheritance. But as an imperfect Understanding, by good Conversation, and apt Study, may be very much improv'd; so by a regularLife, and proper Diet, Nature may be greatly repaired; and he who is born with a Mark of his Father's loofe Days, often we fee, by his good Conduct, leaves his

Children no Remains of the Evil.

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But it is not from these Fountains we have our greatest Ills; we will be beholding to none but ourselves for our Pains: The Mischief is, we acquire our own Diseases, they are of our own Purchace, the Refults of Excesses, debauched Nights, and inordinate and base Purfuits. What Way can be taken, which may best reform the deprav'd World? the most sovereign and only one is that which Reason prescribes, and which each particular Person has within himself still directing him, how much foever he er contradicts. The Legislature has given are a Power into the Hands of the Magiell strates of restraining Vice, who ought, rts, in an eminent Manner, at this Time efing pecially, to give the Law the keenest

Edge, to stem the Torrent, if possible; as they have begun a good Work, so let them go on boldly, and prosper in the Overthrow and Rout of Nests of Nastiness, the Harbours of Gamesters, Thieves, and Whores, in the Hundreds of Drury, and other Places in and about Town; and 'tis a Duty incumbent, on Pari-Chioners, and all honest Folks, to be ready in giving Affistance, by directing Juflice to the sculking Holes of Offenders: for let all know, in Case the Plague was come amongst us, (as God forbid) each Man is like to suffer from his Neighbour's Infection. This Reflection ought to make every one bear a part in what one Day may be of the last Service, not only to himself, but also to all whom he wishes well.

It is impossible to lay down Rules of living to each Person in particular; the greatest and most infallible one, and which will hold good with all, is, Temperance, with Prudence; in all Cases, Physick is to be shun'd, unless the Person be very conscious of a real Indisposition; and even then he is to use as little as may be, and always that which is nearest Nature; for many Medicines, or a Constancy of any one, which is not conso-

he Nature of the Plague: 37

nsonant to the Tone of the Animal rts, only weakens the Body by Deees, tending more and more to a to-Decay. That Food which Men sind, hen all the Passions are ballanced, the off reviving and strengthening, must rainly be the best to take, and the serest Defence against all Accidents that ay happen. The Portion and Sort, onstitution, and the Exercise intended, rest to; which ought always to be well lowed, especially the latter; for Nong nurses Distempers so much as In-

livity.

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There are several Odours which purithe Air, baneful to the Pest; but se are us'd rather for a Safeguard, n to weaken it when it has taken ce. Besides, Men, who are obliged draw in Air at various Places, and erent Air, frequently at the same ce, by the Reason of Business, can e no Succour from Fumigations; 'tis ood Air recommended to the nicer t, and will there, I doubt, reach not ch further than Speculation. Sanctuary in Nature against Pestie, is a stout Mind in a heal Body, a ert inoffensively chearful, and a Body prejudiced by bad Courses, by too little

little or too much, too strong or weak Sustenance.

If what has been faid be duly weight and closely thought on, we shall have Secret open to us, of vast Moment the People of London, and other Euro an Cities, whose Situation gives the the Happiness of a good and clear A It has been proved, that the Plague m there have the greatest Sway, wh Men have the largest Share of Com tion, whatever caus'd by; this Putre faction in human Bodies is not fo ge ral with the Christian Part of Europe. it is with Turkey, and other Places the East, where the Plague lives; upon Computation we shall find, twhen it makes its Issues among us, Loss is much greater, with Proportion the Time of its Stay, than that of People of its own Country, distingu ing Cities from the less inhabited Plan where this can come from; and how concileable this known Truth is with Notions which are entertain'd, of Le don's having a good Air, and a great;
ny great Privileges from its Situat a which Cities in other Climes calli have from theirs, will appear obvious each judicious Reader.

he Nature of the Plague. 39

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to We now look upon all Methods proled or laid down by Nature or Policy, the Safety of the whole, as follow'd every particular Person, in what Order Condition soever; the Avenues leading the Kingdom well guarded, to preerop the it the landing of infectious Persons or ings; the Magistrates discharging that m at Trust, the Care of the People rewhe fed in them, by looking to their feveorn Liberties; the Inhabitants in their reatre aive Dwellings, and each Person, we ge pose, taking Care of his own Health; ope this, without doubt, will be very inces mental to the securing to us our it: But when all this is done, (which s, e) therestill remains with us uncur'd, tion by the Toleration of the Law, nay, of its positive Injunction, the true Cause ngu he Plague's raging in Cities, which Ple great Number of poor People pent ow together, in divers places here and eith e; in our City under all the Incon-of lencies that can happen to poor Moreat; they being involved in every Kind tuat alamity, destitute of every Necessary callife, condemn'd to a poylonous and viou upted Air; so bad are their Circumces, that were the Plague to be de-

riv'd from Putrefaction, it could new fail of being among them, and confi quently with us. The Stench and fectious Fumes always arifing from the Prisons of London, make ineffectual the Advantages, which Nature and A have bestowed on the City, in her glo rious Thames, and in her clean and wid This will be held for an in disputable Truth, if we look toward the City of Marseilles, once famous, bu now fallen, and lying a piteous and de plorable Victim to the Plague. Other Places will convince us, by what the have endur'd in Times past from the B stilence, that it was owing to this throng ing of the People, that they suffered fuch a Degree, when they have excelle in good Air, (abstracted from this) a other Places in the World.

Marseilles is so familiar with the Eng lish by Trade and Commerce, that particular Description of it, in this Pa per, would be impertinent. The Am of the Sea, on which it is situate, the Fertility of the adjacent Country, which is free from Fens and Marshes, and the happy Latitude of 43, in which it lie of Necessity must qualify it for a ver agreeable Place, and make its Air 900

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he Nature of the Plague. 41

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od as can be for Man to breath in? t then of all the Towns in France, arseilles had the greatest Disadvantage flible to its Air, from the Number of allies, which are always within the glo own, lying with their Heads to the ief Key, making one Side of the Way the most beautiful, and most fre-ented Street in the City. This Obrvation has escaped the Notice of those, ho lately have given us an Account of e Progress of the Distemper in that lace. And I don't find, that the Reection fell into the Opinions of more oted Observers upon the same Miseries other Places, heretofore brought on the fame from Things of a like Nature, in a romoting bad Air; tho' the easy Ocarrence of it in traverling the Subject of he Plague, would make one wonder, ow it could be passed by in the Treasiles of so many accurate Judges.

Thirty Gallies, fill'd with Twelve of courteen Thousand Slaves, commonly

over'd, lying up as it were in Time of Peace, are only so many Prisons: the laws of France condemning from all Parts of the Kingdom most Criminals to he Oar; the Gallies of Force can be no ther than Puddles of bad Air by this

means,

means; for the Men's Food being by very indifferent, and of that much stim and no Exercise but that which is ven prejudicial to Nature, hard Labour h Starts, and then long Intervals of Idle ness, unavoidable in Time of Peace of Necessity a very unwholsome Steam must come from them, to the Nusana of the City; and when a Southerly of Westerly Wind blows, the most permi cious to Man, the Gallies can be no o ther than so many Mortars of bad A playing upon the Town, taking awa that Good Nature designed it in its Si tuation. How much this contributed to the Swell of the late Mortality in tha once pleafant City, the Nature of the Plague will direct the Reader to deter mine; and I believe his Sentiments wil be mine, when I fay, had timely War ning been given to the City of Marsel les, of this great Detriment to their rou ting of the Distemper, the Gallies would have been removed from the Town to the Bay, and thereby stop'd the perishing of some Thousands of People, whole Constitution, were it not for these Impediments, bid fair against the Nature o Pestilence. Toulor

he Nature of the Plague. 43

Toulon is not much inferior to Marmuch the same thought much the same, though not in every articular; the Position of the Gallies is dangerous; but certainly, in a great gree the People suffer now from fem; and much less would they yet fer, if they were removed, and their veries purged with Fire.
What will corroborate the Introduction of this new-advanced useful and

in portant Head, is a View of Naples, which, but a few Years ago, had swept the gay in the small Space of one Day, wenty thousand of its Inhabitants by wenty thousand of its Inhabitants by e Pest. Naples is the Metropolis of a trigdom bearing that Name, in the nth of Italy, its Latitude is less than at of Marseilles by two Degrees, the country is celebrated for the Air, the ty itself has too many Beauties here to many ties the fant seven Miles, the Mount Vesuvial which sends up perpetually Clouds to sulphurous Smoke, greatly affecting City, when the Wind sits in or near of the Point. To the Westward, about the same Distance, is the Ruins of that of tentsamous City of Baia, which for of lentfamous City of Baia, which for its G 2

its fine Situation, and healing Air, w chosen in the politest Ages of the Wor by the Roman Emperours, for their R tirement, tho' distant from Rome near Hundred and Fifty Miles. The Remai of Nero's Palace are to be seen here this Day. Near to this City is Pute well known for the hot Baths contis ous. Here is Sulphoterra, or many En tions or Volcano's, which smoke as Mountain, thereby purging the Air, bringing Health to Naples, when Wind is not strongly from thence. T the City lying between these two I fervatives, one would think, fufficier constitutes to its People a well-compo falutary Body of Air to feed on. But Excellencies of Naples are not conf here; Nature is more bountiful to Place where Virgil's Parthenope of stood. The Arm of the Sea comes forming a Bay, and thrusting itself of beyond the City, which is rais'du its Shore, and along which it takes v Length: a sensible Rising gives Bree I to Naples, so that the Streets are as drasses over each other, giving the It P bitants an Opportunity of Breathing point were, in so many different Region So Air. In short, a Confluence of Nati ca

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the Nature of the PLAGUE: 45

purest Materials, make this City noble and glorious. Yet all is lost, all dashed in pieces, by the foul Practice, which the Manners of the People now living there has introduced, degenerate like the rest of Italy, and too many other Places, from all the Principles worthy Men. Convents of Fryers and Nuns, baneful in their Origins, and pernicious in their Ends, corrupt the Air of Naples more than the slavish Lives of the People, who can never be perfectly found, while justly called the Neapolitan Eaters of Sallad. The Evil from them over-ballances all the Gifts just now we talk'd of; there are in Naples more than Four Hundred Convents intersperfed through the City, where above Fourscore Thousand are lock'd up to feed on maugre Diet; the Handfuls of pure Air now and then blown them, can do no more than barely hold Life; for the Religious are mostly in their Rooms, which are very fmall, and have but Spike-Holes of Windows. Besides, most Orders are prohibited the Wear of Linen, Penance being strictly enjoyn'd to be ing performed in Woollen, which retains that Sweat and Nastiness, that the Recluses at cannot, if they would, be wholesome Com-

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Company; People not us'd to them have often been ready to drop down coming through their long close Galleries; now what must the trading and busy Part of the City suffer from this? for the Steams teeming out at the Holes of the Cloysters, must mix with the Element, and so taint and putrify it; and consequently, every thing it nourishes, in a more or less Degree, must partake of the Corruption of its Nature. No Wonder then, if Twenty Thousand perished there in one Day: And we may conclude, with Justice, that had it not been for the Sulphurous and bituminous Particles, scattered through the Body of Air, there had been the Loss of as many Thoulands more. It may be faid, that the Narrownels of the Streets help'd to convey the Air more ready from Place to Place; but this, or the Height of the Houses is no Room for the Causes being laid there, the bad Air must first be ; then we know that narrow Streets are better Ducts than wider for conveying it, because they keep off the circumambient pure Quality from mixing with, and allaying the Strength of the corrupted Mass. The few Gallies belonging to Naples are plac'd so below, and far from the

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the City, that they can be of no man-

ner of Disservice.

London, upon the Balance, will not be found to enjoy fuch advantageous Circumstances in many Respects relating to Health, as the Places above-named; it has neither the Degrees of Sulphur with Naples, to purify its Air, nor pure Element with Marleilles or Toulon, to refresh its Inhabitants; our Air is thick and gross, from the great Resort of People, and from the great Slaughter of Cattle, which makes ours one of the best fed as well as most populous Cities. It were to be wish'd, it could have more Benefit from the Sun; the Winter taking in half the Year, which makes the Streets filthy, notwithstanding the Care of the Magistrate to keep them clean. The River can afford us but small Relief, it being covered over with Houses of Wood, and made dirty from the Common Sewers, that empty themselves in it. The burning of Coals tempers in some Measure the Air, and the best Streets are somewhat wider han in former Days, and have greater Advantage from the modern Building; but then there are as many dirty Streets anes, and Alleys, as would make a pret-Vlarge Town.

The

The Prisons are increas'd, and much fuller than ever was known in London; the Throngs of poor People pres'd into them, send forth Smells very prejudicial, and which the Londoners are much less able to bear than other Citizens, because of that neat and clean Manner of living, so habitual to them; the nicest always being the soonest offended, Custom prevailing in this, as in most other Cases.

This City feems to encourage nothing, that may lay it open to the Rage of the Plague, but Prisons, which spread a corrupted Air all over it; the Advantage of Ground on which they stand, and their Distances from each other, render them capable of affecting every Quarter, by laying Trains of bad Air along the Streets from one to the other, communicating thereby the Corruption to every Dwelling; so that if the Streets upon Ludgate Hill, and about St. Paul's Church-yard, gain from the Ascent a better Air than their Neighbours, they are certain of be ing depriv'd of it by the Prisons of Lud gate, and the Fleet; Newgate conti nues the bad Air along the Hill to Smith field: Wood freet and the Poultry Cons ters bring their Smells to the Places greatest Concourse, in the Heart of the

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City; the Goals of Clerkenwell, and Whitebapel are to the chief Gates a Nusance; he King's Bench Prison, and that Den of niserable, starv'd, helpless Creatures, he Marshalsea, infects the Borough, with London-Bridge. That other Kennel of ad Air, Custom's Darling, (which boasts Prescription to shrine it from Question, and has no Excuse from being vicious ut Antiquity, which gives Sanctuary to he defigning but unlucky Knave, as well as to the industrious, though unformate honest Man) the Mint, prevents he Good the Fields joining might bring he City, by its Nastiness hastening the Death of several. Nor does Westminster, vith its Gatebouse, down in a Marsh, il of acting its Part; the foggy Mists, nd Goal Steams, but ill accommodate the fourt End of the Town. Thus we fee risons are so plac'd, that let the Wind t in what Point it will, it can never low Good to the People; and if there has bed Air is he bad Air is expell'd, is sufficient to

he bad All is only is perfect it all abroad.

I suppose there is no Occasion for bring-onting Examples that have been of People's with offering by various bad Airs: we have offering by various bad Airs: we have one one or other always fainting by the

Grot-

Grossness, or other Alterations in the Air. Many are delivered by a feafona. ble Relief from a Change of Air; the Story of the Black Affizes at Oxford, in 1577, will be as lasting, as it is extraor. dinary; such a sad Effect of bad Air has not been heard of: if it is not quite out of the Way in natural Reasoning, having a full Reference to the Hand of Providence in Judgment; I take this Destruction to be caus'd by the bad Prisoners; for it is known, that the three Hundred, which fuffered, were killed in Court, being Perfons but just before come from a pure Air; none of the Prisoners perished at the Time, Habit making the Smell natural to them; for the Custom of those Times made the Prisons or Dungeons under the Place of Tryal, fo that the confin'd coming to be tried, could not have the Benefit of paffing through fresh Air, thereby to be purged from their Filth: and 'tis not unreasonable to think 97 that a great Number of poor, starv'd diseas'd, and long-confin'd Wretches from fuch a Place, immediately coming it among People of wholfome and nice is Constitutions, may send forth a Stendart Constitutions, may lend lotted Room guifficient to suffocate them, in a Room g

We may descry the Power that the Prison Steams have over Men from our daily Experience: take an Observation, and you'll fee an immediate Loss of a good Complexion to a Person but just but into Goal, which proceeds from the Animal Spirits forfaking the extreme Parts, and retiring to the Heart for Suc-

Parts, and retiring to the Heart for Sucelectric cour; the whole vital Powers concengring their forces to refift the Virulence
as of the invading putrid Matter. Let the
turious inspect narrowly, and a greater
repeated by the discovered in the Nature
are of those living near Prisons, than in that
at at Persons dwelling in some Streets reanote from them.
The How to remedy that great Danger
are are in from Prisons, ought now to
the inploy every one, who has really his
not wn, or the Publick's Safety and Hapell iness at Heart: the Law, for wise and
the bod Ends, in Defence of the wrong'd
and nocent, leaves to the People a Power
and sufficient all regular Methods of righting
the message of the people and the semilences, and coming at their own:
the property of the people and the semilences of the wrong'd
the people and coming at their own:
the people and the peopl ing t'tis too evident, that many abuse ice is Privilege, intirely perverting the Inong their private and finister Designs; aged it is to be heartily wish'd, that the W

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Representatives of a free People would take a Power out of the Hands of Men who exercise their Trust with Insolence tyrannizing over their Fellow-Subject and infulting their Misfortunes, who they themselves generally have the lea Share in promoting the Interest of the Common-wealth.

The Numbers that crowd the Marsha sea, which is the fullest of our Prison are most of them in, for under To Pounds, and Thousands fill other Pr sons, each Debtor's Debt not exceeding Twenty Pounds, yet the Penalty is, Co finement for Life in Misery; put the Sentence by the Character of an En lish Man, there is no Congruity; it too severe, too cruel and barbarous, f that Lover of Liberty, to pronounce But, alas! What will not Custom es no blish? the Rigour, the Severity, and the Inhumanity of the Act is forgot and loun through a too often acting; it is no very long, fince this base Practice with countenanced; heretofore it was not lower had no such Poverty heard of; and now there is hope, that the Parliame he will look toward the miserable; a F he low-Feeling more touching than evolig feems to plead in Behalf of the unhappion

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ho' legal Debtors; a Cloud of Misforul unes hangs over the whole Nation; ei Relations from the blackest Times. Fahe milies of (dismal hearing) the highest Degree reduc'd, the Poor are increas'd, and
the Prisons cramm'd; what ought to be one great Motive to the House's redrefling this Grievance, is, that the Business
on of the Nation obliges the Members to
hake the Town a Place of Residence for
the greatest Part of the Year, so that he greatest Part of the Year, so that hey cannot be secured from the bad hir, which would surther Insection; if the Things were left at Sixes and Sevens, as hey undoubtedly must, were Parliaments not to sit at proper Times, and in sit Places; sharehy would soon take Place, and foreign members Advantage. Many are the Arguments, which a thinking Man may bring to the publick Welfare, in the Relief of so sall under the Perusal of a Person no fall under the Perusal of a Person, who has Sincerity and Ability; who is a Lover of good Actions, and an Affertor at true Liberty. If it does, he will lay the Affair in the aptest Manner home to The Honourable House; which, without of pute, will consider more nearly the seond Subject, at this present Juncture deferving

ferving Consideration, from Reasons be fore given, and take some Measures to hinder the Subjects suffering for Life for a trifling Debt, and for the better secu.

ring our Health.

In the mean while, let us enquire, how much the Creditors of those Debtors, ef pecially of the smaller Fry, have to doin the Business. If Benefactors, (for so must I call most Creditors, fince they were once so held,) would but lay their Hands upon their Breasts, and ask themselves, what is it, that their Fellow-Christians have done, to deserve a Treatment of Misery from them? what Price they had bought at such a Service ? Upon a Que. stion of this Nature, I am perswaded, Men would be not only apt to forgive, but also ready to release, when no other Way could be found, the distressed Perfon, at their own proper Expence.

If we believe, that the Necessity of a Person drives him to seek Assistance, and we make it our Duty to give him a helping Hand, or set him forwards in the World, why should not the same Reason engage the Continuance of that Compassion, or good Disposition, at least in our Minds, to that same Person; who, we are convinced, has it not in his Power to make

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etaliation. But if we are impos'd on, y a Person's representing Things for act, which are not so, to make the Vorld think; that his Circumstances are etter than they really are; who have e to blame for the Deception, but ourlves, who were willing to take all up-Hear-say, without being at the Pains following those Methods, which ould discover plainly, whether all that told us be confistent, or otherwise? he Truth of the Matter is, Men are o credulous, where they have no rounds for their good Opinion, and d fident where they have most. If a en ins us; this Easiness is but to lay e, ares and Bates for indolent idle Perns, to be catch'd by. Men have no re-re Cause for giving Credit, or Conement could not have follow'd. Peof a e in Necessity and pressing Want, will
shany Way for Support that does not
elteaten present Danger; for that Evil,
the pich one Day may come, they hope fon rtune will turn the Scale before then, det them above the World. Thus are hat Men act; therefore Persons, who open a Gap for such to enter, if Evil Refollows,

follows, are the fole Authors of those Men's miseries; for, had there been m Temptation, had they no fuch Refug to fly to, Want would have compelled them to be industrious and frugal; which would do good, not to themselves only

but likewise to their Country.

If we inquire into the Conditions the Prisoners in the Marshalsea, who Debts are Five, Ten, or not exceeding Twenty Pounds, we shall find, that the misfortunes were really brought on the by a real Want, caus'd by an unhapp Education; and if there be fome, wh have stretch'd so far, as to an Extrav gance in making use of their Benef ctors; it will be found to have been promoted by the Tally-man or Cred tor, who, to make himself Easy, disp sed of his Effects to get a bad Barga off his Hands, greedy of that Mont which never had Being but in his of crude Imagination.

We see then, Confinement for L proceeds but from a very poor Beg Vining; a Coat not paid for, or a Score record a Reckoning not wip'd off, is enous fometimes to make a man miferable his Life; and while men are in fon, their Racks can have no Allay.

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propose the civil Usage of their Keepers, is faying Nothing; for to make them less cruel and inhuman, you must new mould them; you must lay a Rule down, how their brutish Nature may be chang'd; they are ever industrious, how to torture the distressed Prisoners, by Restraints and Exactions; what Friends and charitable People send, can do no more than barely to detain Life a little longer to them, for Nature suffering at every Breath drawn, must languish daily: a very unwelcome Life to a great many, who wish to be releafed by Death from their Bonds: and hardly a Week passes, but that in the Marshalsea, tour or five have their Wish; by wasting away, spent by breathing a putrid Air; no less than thirty Men in a small Room, on the Common Side, and those who have more Space at Night, are all Day mixt through the others.

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There can be but two Things, which can prevail upon a good Man to afflict his Fellow-Creature; he must either have the doing Justice to himself or others in eg View, or the Good of the Perlon corre tected. As to the first, when the Rule ou is try'd, and Nothing is found to come, le the wifest and thriftiest Behaviour would

be, to set the Person free, and at Liberty; which, in all Probability, would bring in something or other; such high Obligations commonly enforcing Acknowledgements. As to the other, Experience will tell us, that loose Livers confin'd, and in each other's Company, make Laws of Wickedness to put away Care and Sorrow; Despair, for the most Part, driving Men to all practicable Vices. Whoever would be at the Pains of going through the Prisons, should be convinced very speedily, that they are no Places for Reformation, by Precept or

Example.

Some there are, I am certain, whose good Offices have been abused, and who have met with aggravating Provocations from ungrateful Persons, whom they have serv'd in Necessity; their Resentments are always by the way of Precedent; they punish the unworthy, that others may sear to trample on good Nature and mild dealing. But there is all Room to think, that Persons who give such Reasons for their procedure, will not be wanting in any thing, which may be of universal Service; for as a Regard to Duty led them to confine those, who had highly injur'd

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injur'd them; fo, no Question, but they will fet them at Liberty, when a greater Duty appears to demand it. And Freedom to Men of such base Principles, in Poverty, will bring on them the Contempt of all good Men, which will be

punishment great enough.

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The Nobility and Gentry cannot be thought unactive at this mighty Juncture; they certainly will be for promoting, with utmost Efforts, every worthy Affair; their Education being no other, but a Knowledge of the best Rules of doing good to all Men: But this Relief is not to properly their Business, now there are ruin'd Families enough in every Neighbourhood, whose perishing Conditions have a more just Right to their Patronage. There is no other Way for the Redemption of craving Debtors, but the Creditor's Mercy; they who put them n, or none, are like to take them out: know there are, who, with all their Hearts, would be willing to lofe the Prinipal, but think it would be too hard upin them, to be at the additional Charge of aying the Fees of the Prison. But is there be be found any other Way? can any hing else be done for them? is there any hing more praise-worthy? can Money be

be laid out on a better, or more generous Action, than letting the oppressed go free ? I'm apt to think, the Hardship of paying Costs to a great many would not thew fo very great, if they think on what has been faid, and reflect, that they themfelves procured fuch unnecessary Expence by their rash and inconsiderate Proceed.

ings.

If, in Case we were in the same Condition that Marseilles was in the other Day, and Toulon, and other neighbouring Places are in at present, we readily would embrace all Opportunities of doing good; we would catch at any Thing which pro-bably might asswage, or turn away the Face of Desolation from the People. 0. ther Cities have not in their power the Means of Remedy; London can be only fafe when it will; Religion calls Multi rudes of Idlers together in Italy and y, France, who are only so many dealing Weights to the Common-wealth, an still grievous to be endured. The Popish Contesties cannot be made wholsome, till Con Front Property of the Contesties cannot be made wholsome, till Contesties cannot be made wholsome, till Contesties cannot be made wholsome, till Contesties to the Common-wealth, and still grievous to be endured. wents are thrown down, or they who live there in them dislodg'd, which can't be broughts in about as yet, tho' Endeavours are pret tuccessful. The Design of the Prisons It, a London, is to make Liberty more amputs a

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d secure, by chastising Idlers, for being ch, and not to plant Slavery, by obling and encouraging Men to be idle.

As for those Criminals, who, for the fety and Quiet of honest Dwellers, are nt away to the Plantations, it is to be fired, that a Place was built down e River, to stow them in, till the Numr is made up, intended to be shipt off; , their being in Newgate, is no small ejudice to the Health of the City. e Punishment of these Villains is just, d brings good to the Publick, and to emselves; it reforms some, and saves ny from the Gallows; it breaks the ot, and destroys the Nurseries of Ofders; it gives Hands to the Plantaw, returning Goods to the Merchants,

which we all partake.

The Circumstances of England, at this y, use a very emphatical and powerful nguage, to perswade its People to Duthe unseasonable Warmth of the past inter has had ill Consequences, which Frost following has not repair'd; and sturalists have observ'd great Revoluis in the Seasons of late Years. In the e World we have found, to our ft, wonderful Alterations; the Tranits and Excess of Hope and Joy; and then

then upon them, the Extremes of De ction, apparent in all Ranks and D grees; the Run of Pleasures fashionable which the Calamities most moving ca not put a Stop to: an Infatuation too fible has posses'd the Generality, an stupid Insensibility has seized mo though the destroying Angel is out, a making his Way towards us, Our Ca is desperate; Religion, that holy Know ledge, is despis'd, and a Free-thinking found in most Societies, which refuses gular Worship to the Maker of all; su an Ingratitude as joyns to the Sin of Man the Insensibility of a Beast. This is o History, and this is our Ignominy and R proach; we may agree very well then faying, that never was a People mo open to the Plague, than we are at the Day: Wherefore, let me conjure yo whoever you be that read this Pape to look into your felf, and confult, ho far it is in your Power, at present, to good in a publick or private Statio your own, with your Nation's Happine is at Stake; the Circumstances admit no Delay, 'tis a Crime to be doing N thing. Whatever be the principle Action in a Man, whether he be guid by Religious, Moral, or Natural Age whether the Love of ourselves, Neig

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ghbour, or all Mankind, engage us; concur, all are unanimous in assenting heReasonableness and Justice of what ere desired of you, and now in your ver to grant and perform, and which be found the most infallible Reme-

gainst the Plague.

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Tho could endure to see his Brother he greatest Agonies for Want of Asnce, and yet, at the fame time con-'d, that the stretching out of a Hand ald give him Ease, without hurting Consolator? 'Tis inexpressible, Imation is lost, when one would attempt teiving an Image of the Pain and with which a person is in, seized by A Degree of the Plague; the Sight ocking, and not to be endur'd; the distorted, the Eyes staring, all the y working, and every Faculty of the loft; nothing remaining with the , but a Sense of Pain; miserable tacle, enough to make the most unting shudder with Horror. And ld the Plague's Stay with us have a ortion to its Violence, the Kingdoms ld soon be waste. But Thanks be od, it has not, he not willingly afng the Children of Men.

a Time of this Nature, there is no-

thing can make a reasonable Man bold couragious, but a Heart conscious of own Sincerity: when a Man can upbra himself with the Neglect of no Service which might have moderated or kepto the Evil; when he is positively assure that he has no Hand in the Destruction of the Thousands falling on all Sides thim; such a Knowledge, and only such can remove the Dread of the impendit Cloud; such Virtue can only settle a compose us in that Consusion, which ways accompanies so direful and black Scene.

To a Christian, the smallest Portion the New Testament is more enjoying than any thing in Man's Power to fay, furpasses transcendently all Arguments invite and engage to the pursuit of eve virtuous and gallant Undertaking: A in this great Truth, the Encouragement are mighty extensive. We are told the Apostle, 1 Pet. ch. 4. v. 8. above Things to have fervent Charity and ourselves; for, says he, Charity will ver a Multitude of Sins; and confeque ly, the Judgments which are fent for punishment of Sin, must be averted; hid likewife. Which Go D of his m cy grant.

FINIS